

Title (en)  
DEVICE FOR PACKAGING TRAYS

Title (de)  
VORRICHTUNG ZUM VERPACKEN VON TRAYS

Title (fr)  
DISPOSITIF POUR CONDITIONNER DES BARQUETTES D'EMBALLAGE

Publication  
**EP 3235741 A1 20171025 (EN)**

Application  
**EP 17167605 A 20170421**

Priority  
IT UA20162809 A 20160422

Abstract (en)  
A device (1) for packaging trays, which comprises a heat-sealing and cutting station (3) for heat-sealing a film (5) on the rim of a tray (7) and for cutting the film (5); the heat-sealing and cutting station (3) comprises a lower supporting surface (9) which comprises a plurality of receptacles (11) configured to accommodate trays (7) of different dimensions and/or formats; the heat-sealing and cutting station (3) comprises a plurality of upper bell-shaped elements (13) that are configured to engage with the trays (7) of different dimensions and/or formats, where the bells (13) are selectively associable with the receptacles (11) as a function of the dimensions and/or formats of the trays (7) to be processed.

IPC 8 full level  
**B65B 31/02** (2006.01); **B65B 7/16** (2006.01); **B65B 59/02** (2006.01)

CPC (source: EP US)  
**B29C 65/18** (2013.01 - EP); **B29C 65/7451** (2013.01 - EP); **B29C 65/7461** (2013.01 - EP); **B29C 66/00145** (2013.01 - EP); **B29C 66/112** (2013.01 - EP); **B29C 66/131** (2013.01 - EP); **B29C 66/53461** (2013.01 - EP); **B29C 66/7392** (2013.01 - EP); **B29C 66/8161** (2013.01 - EP); **B29C 66/83221** (2013.01 - EP); **B29C 66/841** (2013.01 - EP); **B29C 66/849** (2013.01 - EP); **B65B 7/164** (2013.01 - EP); **B65B 31/028** (2013.01 - EP US); **B65B 59/003** (2019.04 - EP US); **B65B 59/02** (2013.01 - EP US); **B29C 66/8167** (2013.01 - EP); **B29L 2031/712** (2013.01 - EP); **B65B 2210/02** (2013.01 - EP)

Citation (search report)  
[X] US 2013263559 A1 20131010 - SCOLARO MAURO [IT]

Cited by  
EP4245671A1; FR3133178A1; EP3981694A1; EP4049937A1; US11780615B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3235741 A1 20171025**; **EP 3235741 B1 20200129**; ES 2788181 T3 20201020; IT UA20162809 A1 20171022

DOCDB simple family (application)  
**EP 17167605 A 20170421**; ES 17167605 T 20170421; IT UA20162809 A 20160422